## This Page Is Inserted by IFW Operations and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

## IMAGES ARE BEST AVAILABLE COPY.

As rescanning documents will not correct images, please do not report the images to the Image Problem Mailbox.

gagctcggtacccgggtcgagtaggcgtgtacggtgggaggcctatataagcagagctcgtttagtgaaccgtcagatcg gttccgcgcacatttccccgaaaagtgccacctgacgtctaagaaaccattattatcatgacattaacctataaaaatag gcgtatcacgaggccctttcgtcctcgagtttaccactccctatcagtgatagagaaaagtgaaagtcgagtttaccact ccctatcagtgatagagaaaagtgaaagtcgagtttaccactccctatcagtgatagagaaaagtgaaagtcgagtttac ttaccactccctatcagtgatagagaaaagtgaaagtcgagtttaccactccctatcagtgatagagaaaagtgaaagtc attattgaagcatttatcagggttattgtctcatgagcggatacatatttgaatgtatttagaaaaataaacaaataggg cactecetateagtgatagagaaaagtgaaagtegagtttaeeaeteeetateagtgatagagaaaagtgaaagtegagt  ${\tt cccaccatggagctggtcgggtcggtggacaaggggattacctcggagaagcagtggatccaggaggaccaggcctc}$ atacatctccttcaatgcggcctccaactcgcggtcccaaatcaaggctgccttggacaatgcgggaaagattatgagcc gactaaaaccgccccgactacctggtgggccagcagcccgtggaggacatttccagcaatcggatttataaaattttg gaactaaacgggtacgatccccaatatgcggcttccgtcttctgggatgggccacgaaaaagttcggcaagaggaacac catctggctgtttgggcctgcaactaccgggaagaccaacatcgcggaggccatagcccacactgtgcccttctacgggt  ${rak g}$ cgtaaact ${rak g}$ gaccaat ${rak g}$ accttcaac ${rak g}$ act ${rak g}$ acaa ${rak g}$ at ${
m g}$  ${\tt ccagatagacccgactcccgtgatcgtcacctccaacaccaacatgtgcgccgtgattgacgggaactcaacgaccttcg}$ aagcaggaagtcaaagacttttccggtgggcaaaggatcacgtggttgaggtggagcatgaattctacgtcaaaaaggg tggagccaagaaaagacccgcccccagtgacgcagatataagtgagcccaaacgggtgcgcgagtcagttgcgcagccat cgacgtcagacgcggaagcttcgatcaactacgcagacaggtaccaaaacaaatgttctcgtcacgtgggcatgaatctg agagtgctttcccgtgtcagaatctcaacccgtttctgtcgtcaaaaaggcgtatcagaaactgtgctacattcatcata catgggaaaggtgccagacgcttgcactgcctgcgatctggtcaatgtggatttggatgactgcatctttgaacaataa ccagacatgataagatacattgatgagtttggacaaaccacaactagaatgcagtgaaaaaaatgctttatttgtgaaat ttgtgatgctattgctttatttgtaaccattataagctgcaataaacaagttaacaacaac (2061

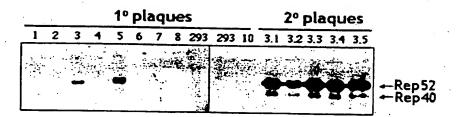


Figure 2

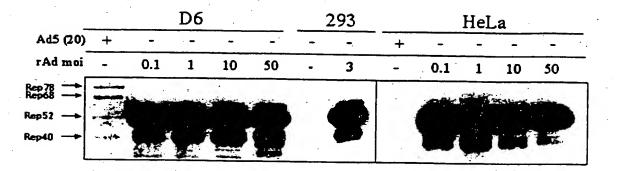


Figure 3

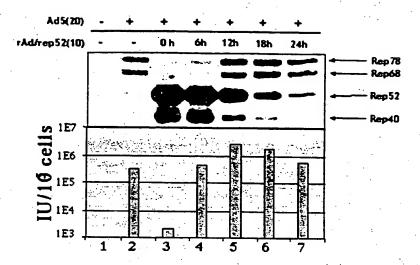


Figure 4

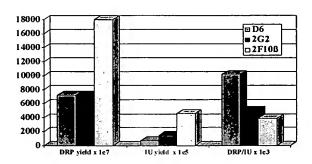


Figure 5

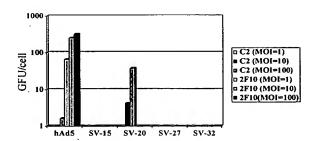


Figure 6

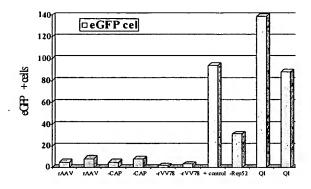


Figure 7

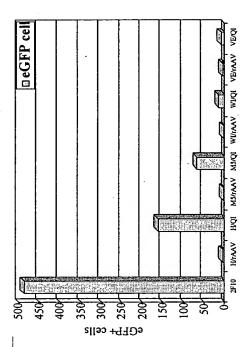


Figure 8